

Storm Data and Unusual Weather Phenomena - December 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IOWA, Northeast				

(IA-Z008) MITCHELL, (IA-Z009) HOWARD, (IA-Z010) WINNESHIEK, (IA-Z011) ALLAMAKEE, (IA-Z018) FLOYD, (IA-Z019) CHICKASAW, (IA-Z029) FAYETTE, (IA-Z030) CLAYTON

12/01/07 07:00 CST	0	Winter Storm
12/02/07 03:00 CST	0	

A winter storm moved from the southern plains into the Ohio Valley, producing widespread precipitation across the Midwest. In northeast Iowa, the storm was the first of the winter season, producing a mix of heavy snow and sleet much of Saturday December 1. Precipitation changed to mainly drizzle or freezing drizzle during the evening, before ending in the early morning of Sunday December 2. Unusually high accumulations of sleet were measured by weather observers, with amounts of 1.5 inches reported at Strawberry Point (Clayton County) and Waterville (Allamakee County). Total snow and sleet accumulations generally ranged from 3 to 6 inches, with 6 inches reported at Cresco (Howard County) and 5.7 inches near Lansing (Allamakee County). There was some freezing rain during the event, although ice accumulations were a tenth of an inch or less.

(IA-Z010) WINNESHIEK, (IA-Z011) ALLAMAKEE, (IA-Z029) FAYETTE, (IA-Z030) CLAYTON

12/22/07 13:00 CST	0	Winter Storm
12/24/07 00:00 CST	0	

A winter storm moved from the southern Plains into the western Great Lakes during the weekend of December 22-23. In northeast Iowa, this was the second high impact storm of the month, producing heavy snow, strong winds and some freezing drizzle. Highest snow accumulations ranged between 6 and 11 inches, with largest amounts near the Mississippi River. Specific reports from weather observers included 10.9 inches near Lansing (Allamakee County), 10.0 inches at Waukon (Allamakee County) and 9.5 inches near Decorah (Winneshiek County). Strong northwest wind gusts of 40 to 45 mph caused blowing snow, which produced whiteout conditions. There was some freezing drizzle at the beginning of event, although ice accumulations were minor. A wind gust of 45 mph was recorded at Oelwein, IA (Fayette County).

(IA-Z030) CLAYTON

12/11/07 02:00 CST	0	Winter Storm
12/11/07 13:30 CST	0	

A winter storm moved from the southern Plains toward the Great Lakes during the early morning hours of December 11. A mixture of snow, sleet and freezing rain affected portions of northeast Iowa.

MINNESOTA, Southeast

(MN-Z079) WABASHA, (MN-Z086) DODGE, (MN-Z087) OLMSTED, (MN-Z088) WINONA, (MN-Z094) MOWER, (MN-Z095) FILLMORE, (MN-Z096) HOUSTON

12/01/07 08:00 CST	0	Winter Storm
12/02/07 03:00 CST	0	

A winter storm moved from the southern plains into the Ohio Valley, producing widespread precipitation across the Midwest. In southeast Minnesota, the storm was the first of the winter season, producing a mix of heavy snow and sleet much of Saturday December 1. Precipitation changed to mainly freezing drizzle or freezing rain during the evening hours, before ending in the early morning of Sunday December 2. Unusually high accumulations of sleet were measured by weather observers, with amounts between 1 and 2 inches. Specific reports included 1.9 inches near Reno (Houston County) and 1 inch near Grand Meadow (Mower County). Total snow and sleet accumulations generally ranged from 3 to 6 inches, with 6 inches reported near Spring Valley (Fillmore County) and 5.5 inches near Houston (Houston County). There was some freezing rain during the event, with ice accumulations less than two tenths of an inch.

(MN-Z088) WINONA, (MN-Z096) HOUSTON

12/22/07 16:00 CST	0	Winter Storm
12/24/07 00:00 CST	0	

A winter storm moved from the southern Plains into the western Great Lakes during the weekend of December 22-23. In southeast Minnesota, this was the second high impact storm of the month, producing heavy snow and strong winds. Highest snow accumulations were near the Mississippi River and ranged between 6 and 10 inches. Specific reports from weather observers included 9.3 inches near Reno (Houston County), 9.0 inches at Winona (Winona County) and 8.3 inches at Spring Grove (Houston County). Strong northwest wind gusts of 40 to 45 mph were common, with a few locations reaching around 50 mph. This caused blowing snow, which produced whiteout conditions.

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The strongest winds were closer to Interstate 35 with gusts of 52 mph at Dexter, MN (Mower County) and 51 mph at Kasson, MN (Dodge County). Rochester, MN recorded a gust of 49 mph.

WISCONSIN, Southwest

(WI-Z017) TAYLOR, (WI-Z029) CLARK, (WI-Z032) BUFFALO, (WI-Z033) TREMPLEAU, (WI-Z034) JACKSON, (WI-Z041) LA CROSSE, (WI-Z042) MONROE, (WI-Z043) JUNEAU, (WI-Z044) ADAMS, (WI-Z053) VERNON, (WI-Z054) CRAWFORD, (WI-Z055) RICHLAND, (WI-Z061) GRANT	12/01/07 09:00 CST	0	Winter Storm
	12/02/07 03:00 CST	0	

A winter storm moved from the southern plains into the Ohio Valley, producing widespread precipitation across the Midwest. In southwest and central Wisconsin, the storm was the first of the winter season, producing a mix of heavy snow and sleet much of Saturday December 1. Precipitation changed to mainly freezing drizzle or freezing rain during the evening hours, before ending in the early morning of Sunday December 2. Unusually high accumulations of sleet were measured by weather observers, with amounts of 1 to 2 inches. Specific reports included 2 inches near Holmen (La Crosse County) and 1.5 inches near West Salem (La Crosse County). Total snow and sleet accumulations generally ranged between 3 and 8 inches, with 7.5 inches reported near Hatfield (Jackson County) and 7.0 inches near Neillsville (Clark County). There was some freezing rain during the event, with ice accumulations of two tenths of an inch or less.

(WI-Z017) TAYLOR, (WI-Z029) CLARK, (WI-Z032) BUFFALO, (WI-Z033) TREMPLEAU, (WI-Z034) JACKSON, (WI-Z041) LA CROSSE, (WI-Z042) MONROE, (WI-Z043) JUNEAU, (WI-Z044) ADAMS, (WI-Z053) VERNON, (WI-Z054) CRAWFORD, (WI-Z055) RICHLAND, (WI-Z061) GRANT	12/22/07 19:00 CST	0	Winter Storm
	12/24/07 00:00 CST	0	

A winter storm moved from the southern Plains into the western Great Lakes during the weekend of December 22-23. In southwest and central Wisconsin, this was the second high impact storm of the month, producing heavy snow, strong winds and some freezing drizzle. Highest snow accumulations ranged between 6 and 15 inches. Specific reports from weather observers included 14.8 inches near La Crosse (La Crosse County), 14.6 inches at La Farge (Vernon County) and 13.7 inches near Tunnel City (Monroe County). Strong northwest wind gusts of 40 to 45 mph caused blowing snow, which produced whiteout conditions. There was some freezing drizzle at the beginning of event, mostly in southwest Wisconsin, with ice accumulations up to a tenth of an inch.

(WI-Z061) GRANT	12/11/07 03:00 CST	0	Winter Storm
	12/11/07 14:00 CST	0	

A winter storm moved from the southern Plains toward the Great Lakes during the early morning hours of December 11. A mixture of snow, sleet and freezing rain affected portions of southwest Wisconsin.